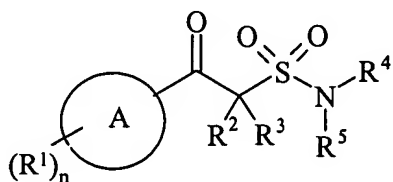


AMENDMENTS TO THE CLAIMS**Claims**

1. (Currently Amended) ~~The use of~~ A method for inhibiting 11 β HSD1, comprising administering a compound of formula (I):



(I)

wherein[[:]]

Ring A is selected from carbocyclyl or heterocyclyl;

each R^1 is independently selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, C_{1-4} alkanoyl, C_{1-4} alkanoyloxy, N -(C_{1-4} alkyl)amino, N,N -(C_{1-4} alkyl) $_2$ amino, C_{1-4} alkanoylamino, N -(C_{1-4} alkyl)carbamoyl, N,N -(C_{1-4} alkyl) $_2$ carbamoyl, C_{1-4} alkylS(O) $_a$ wherein a is 0 to 2, C_{1-4} alkoxycarbonyl, N -(C_{1-4} alkyl)sulphamoyl, N,N -(C_{1-4} alkyl) $_2$ sulphamoyl, C_{1-4} alkylsulphonylamino, tri-(C_{1-4} alkyl)silyloxy, carbocyclyl, heterocyclyl, carbocyclyl C_{0-4} alkylene-Y-, and heterocyclyl C_{0-4} alkylene-Y-; wherein R^1 may be optionally substituted on carbon ~~by~~ with one or more R^6 groups ~~selected from R^6~~ ; and wherein if said heterocyclyl contains an -NH- moiety, that nitrogen may be optionally substituted ~~by~~ with an R^7 group selected from R^7 ;

n is 0-5; ~~wherein the values of R^1 may be the same or different~~;

R^2 and R^3 are independently selected from hydrogen, hydroxy, amino, cyano, C_{1-4} alkyl, C_{1-4} alkoxy, N -(C_{1-4} alkyl)amino, N,N -(C_{1-4} alkyl) $_2$ amino, carbocyclyl, heterocyclyl, carbocyclyl C_{1-4} alkyl, and heterocyclyl C_{1-4} alkyl; or R^2 and R^3 together ~~form~~ are C_{2-4} alkylene; wherein R^2 and R^3 may be independently optionally substituted on carbon ~~by~~ with one or more R^8 groups ~~selected from R^8~~ ; and wherein if said heterocyclyl contains an -NH- moiety, that nitrogen may be optionally substituted ~~by~~ with an R^9 group selected from R^9 ;

one of R^4 and R^5 is ~~selected from~~ C_{1-4} alkyl and the other is selected from hydrogen ~~or~~ C_{1-4} alkyl; wherein R^4 and R^5 may be optionally substituted on carbon ~~by~~ with one or more R^{10} ~~groups selected from~~ R^{10} ;

Y is selected from $-S(O)_a-$, $-O-$, $-NR^{12}-$, $-C(O)-$, $-C(O)NR^{13}-$, $-NR^{14}C(O)-$, and ~~or~~ $-SO_2NR^{15}-$; wherein a is 0 to 2;

R^{12} , R^{13} , R^{14} and R^{15} are independently selected from hydrogen, phenyl, and C_{1-4} alkyl;

R^6 and R^8 are independently selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, C_{1-4} alkanoyl, C_{1-4} alkanoyloxy, $N-(C_{1-4}alkyl)amino$, $N,N-(C_{1-4}alkyl)_2amino$, $C_{1-4}alkanoylamino$, $N-(C_{1-4}alkyl)carbamoyl$, $N,N-(C_{1-4}alkyl)_2carbamoyl$, $C_{1-4}alkylS(O)_a$ wherein a is 0 to 2, $C_{1-4}alkoxycarbonyl$, $N-(C_{1-4}alkyl)sulphamoyl$, $N,N-(C_{1-4}alkyl)_2sulphamoyl$, $C_{1-4}alkylsulphonylamino$, carbocyclyl, and heterocyclyl; wherein R^6 and R^8 may be independently optionally substituted on carbon ~~by~~ with one or more R^{11} groups;

R^{10} is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, C_{1-4} alkoxy, C_{1-4} alkanoyl, C_{1-4} alkanoyloxy, $N-(C_{1-4}alkyl)amino$, $N,N-(C_{1-4}alkyl)_2amino$, $C_{1-4}alkanoylamino$, $N-(C_{1-4}alkyl)carbamoyl$, $N,N-(C_{1-4}alkyl)_2carbamoyl$, $C_{1-4}alkylS(O)_a$ wherein a is 0 to 2, $C_{1-4}alkoxycarbonyl$, $N-(C_{1-4}alkyl)sulphamoyl$, $N,N-(C_{1-4}alkyl)_2sulphamoyl$, and $C_{1-4}alkylsulphonylamino$; wherein R^{10} may be independently optionally substituted on carbon ~~by~~ with one or more R^{16} groups;

R^7 and R^9 are independently selected from C_{1-4} alkyl, C_{1-4} alkanoyl, $C_{1-4}alkylsulphonyl$, $C_{1-4}alkoxycarbonyl$, carbamoyl, $N-(C_{1-4}alkyl)carbamoyl$, $N,N-(C_{1-4}alkyl)_2carbamoyl$, benzyl, benzyloxycarbonyl, benzoyl, and phenylsulphonyl;

R^{11} and R^{16} are independently selected from halo, nitro, cyano, hydroxy, trifluoromethoxy, trifluoromethyl, amino, carboxy, carbamoyl, mercapto, sulphamoyl, methyl, ethyl, methoxy, ethoxy, acetyl, acetoxyl, methylamino, ethylamino, dimethylamino, diethylamino, N -methyl- N -ethylamino, acetylamino, N -methylcarbamoyl, N -ethylcarbamoyl, N,N -dimethylcarbamoyl, N,N -diethylcarbamoyl, N -methyl- N -ethylcarbamoyl, methylthio, ethylthio, methylsulphanyl, ethylsulphanyl, mesyl, ethylsulphonyl, methoxycarbonyl, ethoxycarbonyl, N -methylsulphamoyl, N -ethylsulphamoyl, N,N -dimethylsulphamoyl, N,N -diethylsulphamoyl, and ~~or~~ N -methyl- N -ethylsulphamoyl;

or a pharmaceutically acceptable salt thereof;

~~in the manufacture of a medicament for use in the inhibition of 11 β HSD1.~~

2. (Currently Amended) ~~The use~~ A method according to claim 1 wherein Ring A is selected from pyridyl, phenyl, thienyl, furyl, pyrazinyl, 1,2,3-thiadiazolyl, thiazolyl, cyclohexyl, naphthyl, cyclohexenyl, pyrazolyl, benzothienyl, indolyl, 1,1,3-trioxo-2,3-dihydro-1,2-benzisothiazolyl, 1,3-benzodioxolyl, cyclopentyl, tetrahydropyranyl, 1-oxooctahydropyrido[1,2-a]pyrazinyl, 1,2,3,4-tetrahydronaphthyl, piperidinyl, and benzthiazolyl.

3. (Currently Amended) ~~The use~~ A method according to ~~either of~~ claims 1 ~~or~~ 2 wherein each R¹ is independently selected from halo, nitro, cyano, sulphamoyl, C₁₋₄alkyl, C₂₋₄alkenyl, C₂₋₄alkynyl, C₁₋₄alkoxy, C₁₋₄alkanoyl, tri-(C₁₋₄alkyl)silyloxy, carbocyclyl, and heterocyclylC₀₋₄alkylene-Y-; wherein R¹ may be optionally substituted on carbon ~~by~~ with one or more R⁶ groups selected from R⁶; wherein

Y is -NR¹²-;

R¹² is hydrogen; and

R⁶ is selected from halo, C₂₋₄alkenyl, C₁₋₄alkanoyl, C₁₋₄alkanoylamino, and carbocyclyl.

4. (Currently Amended) ~~The use~~ A method according to ~~any one of~~ claims 1, 4 wherein n is 0-2; ~~wherein the values of R¹ may be the same or different.~~

5. (Currently Amended) ~~The use~~ A method according to ~~any one of~~ claims 1, 5 wherein R² and R³ are independently selected from hydrogen ~~or~~ and C₁₋₄alkyl[[,]]; or R² and R³ together ~~form~~ are C₂₋₆alkylene.

6. (Currently Amended) ~~The use~~ A method according to ~~any one of~~ claims 1, 6 wherein ~~one of R⁴ and R⁵ is selected from hydrogen and C₁₋₄alkyl and the other is selected from C₁₋₄alkyl;~~ wherein R⁴ and R⁵ ~~may be optionally substituted on carbon by one or more groups selected from R¹⁰; and~~

———R¹⁰ is selected from C₁₋₄alkoxy and N,N-(C₁₋₄alkyl)₂amino.

7. (Currently Amended) ~~The of a A method of compound of formula (I) (as depicted in claim 1.)~~

wherein[[:]]

Ring A is selected from carbocyclyl ~~or and~~ heterocyclyl;

each R¹ is independently selected from halo, nitro, cyano, sulphamoyl, C₁₋₄alkyl, C₂₋₄alkenyl, C₂₋₄alkynyl, C₁₋₄alkoxy, C₁₋₄alkanoyl, tri-(C₁₋₄alkyl)silyloxy, carbocyclyl, and heterocyclylC₀₋₄alkylene-Y-; wherein R¹ may be optionally substituted on carbon ~~by~~ with one or more R⁶ groups selected from R⁶; wherein:

Y is -NR¹²-;

R¹² is hydrogen; ~~and~~

R⁶ is selected from halo, C₂₋₄alkenyl, C₁₋₄alkanoyl, C₁₋₄alkanoylamino, and carbocyclyl;

n is 0-3; ~~wherein the values of R¹ may be the same or different;~~

R² and R³ are independently selected from hydrogen ~~or and~~ C₁₋₄alkyl, or R² and R³ together ~~form are~~ C₂₋₆alkylene;

one of R⁴ and R⁵ is selected from hydrogen and C₁₋₄alkyl and the other is ~~selected from~~ C₁₋₄alkyl; wherein R⁴ and R⁵ may be optionally substituted on carbon ~~by~~ with one or more R¹⁰ groups selected from R¹⁰; and

R¹⁰ is selected from C₁₋₄alkoxy and N,N-(C₁₋₄alkyl)₂amino;

or a pharmaceutically acceptable salt thereof;

~~in the manufacture of a medicament for use in the inhibition of 11βHSD1.~~

8. (Currently Amended) ~~A compound of formula (I) as depicted in claim 1~~ selected from:

(4-fluorophenyl)[N-(2-methoxyethyl)-N-(methyl)sulphamoylmethyl]ketone;

(2,4-difluorophenyl)[1-(N,N-diisopropylsulphamoyl)-1methylethyl]ketone;

(2,4-difluorophenyl)(N,N-diisopropylsulphamoylmethyl)ketone;

(thiazol-2-yl)(N,N-dimethylsulphamoylmethyl)ketone;

(4-fluorophenyl)[N-(2-isopropoxyethyl)-N-(isopropyl)sulphamoylmethyl]ketone;

(pyrazin-2-yl)(N,N-dimethylsulphamoylmethyl)ketone;

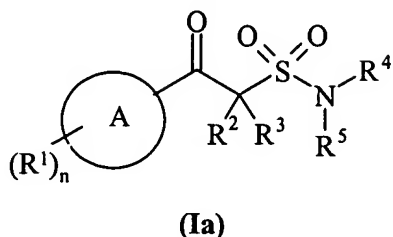
(4-isopropoxyphenyl)(N,N-diisopropylsulphamoylmethyl)ketone;

(3-cyanophenyl)(N,N-diisopropylsulphamoylmethyl)ketone; and

(pyrid-2-yl)(N,N-dimethylsulphamoylmethyl)ketone;

or a pharmaceutically acceptable salt thereof.

9. (Currently Amended) A compound of formula (Ia):



wherein[[:]]

Ring A is selected from phenyl, pyridyl, thiazolyl, thienyl, and furyl;

each R¹ is independently selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, C₁₋₄alkyl, C₂₋₄alkenyl, C₂₋₄alkynyl, C₁₋₄alkoxy, C₁₋₄alkanoyl, C₁₋₄alkanoyloxy, N-(C₁₋₄alkyl)amino, N,N-(C₁₋₄alkyl)₂amino, C₁₋₄alkanoylamino, N-(C₁₋₄alkyl)carbamoyl, N,N-(C₁₋₄alkyl)₂carbamoyl, C₁₋₄alkylS(O)_a wherein a is 0 to 2, C₁₋₄alkoxycarbonyl, N-(C₁₋₄alkyl)sulphamoyl, N,N-(C₁₋₄alkyl)₂sulphamoyl, and C₁₋₄alkylsulphonylamino; wherein R¹ may be optionally substituted on carbon ~~by~~ with one or more R⁶ groups selected from R⁶; and wherein if said heterocyclyl contains an -NH- moiety, that nitrogen may be optionally substituted ~~by~~ with an R⁷ group selected from R⁷;

~~n is 0-3; wherein the values of R¹ may be the same or different;~~

R² and R³ are independently selected from hydrogen, hydroxy, amino, cyano, C₁₋₄alkyl, C₁₋₄alkoxy, N-(C₁₋₄alkyl)amino, N,N-(C₁₋₄alkyl)₂amino, carbocyclyl, heterocyclyl, carbocyclylC₁₋₄alkyl, and heterocyclylC₁₋₄alkyl; wherein R² and R³ may be independently optionally substituted on carbon ~~by~~ with one or more R⁸ groups selected from R⁸; and wherein if said heterocyclyl contains an -NH- moiety, that nitrogen may be optionally substituted ~~by~~ with an R⁹ group selected from R⁹;

R⁴ and R⁵ are independently ~~selected from C₁₋₄alkyl~~; wherein R⁴ and R⁵ may be optionally substituted on carbon ~~by~~ with one or more R¹⁰ groups selected from R¹⁰;

R⁶ and R⁸ are independently selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, C₁₋₄alkyl, C₂₋₄alkenyl, C₂₋₄alkynyl, C₁₋₄alkoxy, C₁₋₄alkanoyl, C₁₋₄alkanoyloxy, N-(C₁₋₄alkyl)amino, N,N-(C₁₋₄alkyl)₂amino, C₁₋₄alkanoylamino, N-(C₁₋₄alkyl)carbamoyl, N,N-(C₁₋₄alkyl)₂carbamoyl, C₁₋₄alkylS(O)_a wherein a is 0 to 2, C₁₋₄alkoxycarbonyl, N-(C₁₋₄alkyl)sulphamoyl,

N,N-(C₁₋₄alkyl)₂sulphamoyl, and C₁₋₄alkylsulphonylamino; wherein R⁶ and R⁸ may be independently optionally substituted on carbon ~~by~~ with one or more R¹¹ groups;

R¹⁰ is selected from halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, trifluoromethyl, trifluoromethoxy, C₁₋₄alkyl, C₂₋₄alkenyl, C₂₋₄alkynyl, C₁₋₄alkoxy, C₁₋₄alkanoyl, C₁₋₄alkanoyloxy, *N*-(C₁₋₄alkyl)amino, *N,N*-(C₁₋₄alkyl)₂amino, C₁₋₄alkanoylamino, *N*-(C₁₋₄alkyl)carbamoyl, *N,N*-(C₁₋₄alkyl)₂carbamoyl, C₁₋₄alkylS(O)_a wherein a is 0 to 2, C₁₋₄alkoxycarbonyl, *N*-(C₁₋₄alkyl)sulphamoyl, *N,N*-(C₁₋₄alkyl)₂sulphamoyl, and C₁₋₄alkylsulphonylamino; wherein R¹⁰ may be independently optionally substituted on carbon ~~by~~ with one or more R¹⁶ groups;

R⁷ and R⁹ are independently selected from C₁₋₄alkyl, C₁₋₄alkanoyl, C₁₋₄alkylsulphonyl, C₁₋₄alkoxycarbonyl, carbamoyl, *N*-(C₁₋₄alkyl)carbamoyl, *N,N*-(C₁₋₄alkyl)₂carbamoyl, benzyl, benzyloxycarbonyl, benzoyl, and phenylsulphonyl;

R¹¹ and R¹⁶ are independently selected from halo, nitro, cyano, hydroxy, trifluoromethoxy, trifluoromethyl, amino, carboxy, carbamoyl, mercapto, sulphamoyl, methyl, ethyl, methoxy, ethoxy, acetyl, acetoxyl, methylamino, ethylamino, dimethylamino, diethylamino, *N*-methyl-*N*-ethylamino, acetylamino, *N*-methylcarbamoyl, *N*-ethylcarbamoyl, *N,N*-dimethylcarbamoyl, *N,N*-diethylcarbamoyl, *N*-methyl-*N*-ethylcarbamoyl, methylthio, ethylthio, methylsulphanyl, ethylsulphanyl, mesyl, ethylsulphonyl, methoxycarbonyl, ethoxycarbonyl, *N*-methylsulphamoyl, *N*-ethylsulphamoyl, *N,N*-dimethylsulphamoyl, *N,N*-diethylsulphamoyl, and ~~or~~ *N*-methyl-*N*-ethylsulphamoyl; or a pharmaceutically acceptable salt thereof; with the proviso that said compound is not (*N*-methyl-*N*-butylsulphamoylmethyl)(phenyl)ketone; [1-(*N,N*-dimethylsulphamoyl)ethyl](phenyl)ketone; (*N,N*-dimethylsulphamoylmethyl)(4-nitrophenyl)ketone; (*N,N*-dimethylsulphamoylmethyl)(4-fluoro-2-methylaminophenyl)ketone; (*N,N*-dimethylsulphamoylmethyl)(3-methoxy-4-methyl-6-aminophenyl)ketone; (*N,N*-dimethylsulphamoylmethyl)(3-methoxy-6-aminophenyl)ketone; (*N,N*-dimethylsulphamoylmethyl)(phenyl)ketone; (*N,N*-dimethylsulphamoylmethyl)(2-nitro-4-methoxyphenyl)ketone; (*N,N*-dimethylsulphamoylmethyl)(2-amino-4-methoxyphenyl)ketone; [1-(*N*-methyl-*N*-butylsulphamoyl)ethyl](phenyl)ketone; or (*N,N*-dimethylsulphamoylmethyl)(thien-2-yl)ketone.

10. (Currently Amended) A pharmaceutical composition which comprises a compound of

~~formula (I) or (Ia), or a pharmaceutically acceptable salt thereof, as claimed in either of claims 8 or 9 in association with a pharmaceutically acceptable diluent or carrier.~~

11-13. (Cancelled).

14. (Currently Amended) ~~The use~~A method for the treatment of a metabolic syndrome, comprising inhibiting 11 β HSD1 according to claim 1 of a compound as claimed in any one of claims 1-7 or 13 wherein production of, or producing an, 11 β HSD1 inhibitory effect refers to the treatment of metabolic syndrome.

15. (Currently Amended) ~~The use~~A method for the treatment of diabetes, obesity, hyperlipidaemia, hyperglycaemia, hyperinsulinemia or hypertension, comprising inhibiting 11 β HSD1 according to claim 1 of a compound as claimed in any one of claims 1-7 or 13 wherein production of, or producing an, 11 β HSD1 inhibitory effect refers to the treatment of diabetes, obesity, hyperlipidaemia, hyperglycaemia, hyperinsulinemia or hypertension, particularly diabetes and obesity.

16. (Currently Amended) ~~The use~~A method for the treatment of glaucoma, osteoporosis, tuberculosis, dementia, cognitive disorders or depression, comprising inhibiting 11 β HSD1 according to claim 1 of a compound as claimed in any one of claims 1-7 or 13 wherein production of, or producing an, 11 β HSD1 inhibitory effect refers to the treatment of glaucoma, osteoporosis, tuberculosis, dementia, cognitive disorders or depression.

17. (Cancelled).